

ABSTRACT

An optical disk apparatus has an optical head having: lens means of converging light from a light source onto an optical disk; and a photodetector for detecting the light thus converged and then reflected from the optical disk;

tracking error signal generating means of generating a tracking error signal in order to perform tracking control on the basis of the detected light;

detecting means of detecting a disk tilt DT indicating the amount of tilt of the optical head relative to the optical disk; and

calculating means of calculating a lens shift LS indicating the amount of shift of the lens means relative to the optical head, according to a predetermined rule on the basis of the generated tracking error signal and the detected disk tilt DT.